

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 7, line 19, with the following paragraph:

A An operation between the mobile station 101 and the application software server of the data center ~~420-105~~ will be described in detail as follows, with reference to Fig. 2 to be later explained.

Please REPLACE the paragraph beginning at page 8, line 24, with the following paragraph:

Mr The mobile station 220 is composed of a radio frequency part ~~22-221~~ for receiving a signal transmitted from the application software distribution system 200 and outputting a signal outputted from the mobile station 220, to the application software distribution system, a transmitting part 222 for transmitting the signal processed in a processing part 224 of the mobile station 220, a receiving part 223 for processing the signal received from the application software distribution system, and the processing part 224 for processing the reception signal or the transmission signal.

Please REPLACE the paragraph beginning at page 13, line 13, with the following paragraph:

Mr As shown in Fig. 5, an application software distribution system 500 as the server and a mobile station 520 as the client are initialized in steps 501 and 521. At this time, the application software distribution system 500 as the server is interlocked with a subscriber database 530 in the initialization, to generate a ~~PID~~Program Identifier (PID) value for transmitting a transmission plan message, and stores the PID value allocated for the distribution of the application software and a multicast IP address value used for the distribution of the application software.

Please REPLACE the paragraph beginning at page 16, line 20, with the following paragraph:

Mr ~~Figs. 6a and 6b~~Figs. 6A and 6B are flow charts for another embodiment of the application software distributing method using the inventive radio communication network, and represent functions to be performed in individual systems in executing a common software distribution service.

Please REPLACE the paragraph beginning at page 16, line 25, with the following paragraph:

PS In ~~Figs. 6a and 6b~~ Figs. 6A and 6B, it is represented a common software distribution service that the mobile station retains only several number of application software usable in a basic space of the mobile station and unnecessary application software is automatically removed, since a space as a storage medium is shortage in the mobile station, and that the removed application software is installed and used through an automatic download from an application software database commonly using the removed application software whenever necessary.

Please REPLACE the paragraph beginning at page 17, line 8, with the following paragraph:

AK As shown in ~~Figs. 6a and 6b~~ Figs. 6A and 6B, when a mobile station 620 as the client desires to receive any service but there is no concerned application software, the cookie of the mobile station selects a desired program in a step 621 and sends a reception requirement for the application software to the application software distribution system in a step 611.

Please REPLACE the paragraph beginning at page 17, line 23, with the following paragraph:

AK The mobile station 620 also determines ~~the PID~~ a Program Identifier (PID) value for receiving the transmission plan message in the initialization, as a variable, and stands by to receive and process a packet transmitted from the application software distribution system 600, in a step 622.

Please REPLACE the paragraph beginning at page 20, line 10, with the following paragraph:

AK While, when the application software distribution system 600 receives the application software reception requirement releasing message 617, ~~the transmission completion program is finished~~ the thread is finished in a step 608 and the distribution system is completed.

Please REPLACE the paragraph beginning at page 21, line 2, with the following paragraph:

AK As shown in Figs. 7A and 7B, when a mobile station 720 desires to receive any service but there is no concerned application software, a cookie of the mobile station 720 selects a desired program in a step 721 and sends a reception requirement for the application software to

the application software distribution system 700, in a step 771. Further, in case that there is no a storage space to install the application software, the cookie requires a call originating in order to store the application software used less, at a personal software storing space of the application software distribution system 700.

Please REPLACE the paragraph beginning at page 21, line 13, with the following paragraph:

AD The mobile station 720 determines ~~the personal identity (PID)~~ a Program Identifier (PID) value for receiving a transmission plan message 773 in the initialization, as a variable, and stands by to receive and process a packet transmitted from the application software distribution system 700 in a step 722.

Please REPLACE the paragraph beginning at page 23, line 27, with the following paragraph:

AD If the push was decided in the application software distribution system 700 in the above deciding result, the application software distribution system 700 waits for the application software transmission start packet 774 from the mobile station 720 in a step 707, when receiving the personal software. Also, an application software file packet 775 is received from the mobile station 720 under an application software file reception stand-by state 709. An error of the received application software file packet is checked in a step 711, and if there is the error, it goes to a step 709 of standing by an application software file reception. If the error does not occur, the received application software file is stored at a software database 760 in a step 712. ~~When the application software transmission completion packet is received from the mobile station 720, the thread is completed in the step 713 and the distribution system is finished.~~ Then, the distribution system transmits the application software transmission completion packet to the mobile station 720.

Please REPLACE the paragraph beginning at page 25, line 8, with the following paragraph:

AD If the push is decided in the decision result of the step 723, the mobile station 720 stands by a reception of the application software data transmission start packet 774 from the application software distribution system 700, in a step 725, and also prepares to receive the application software file in a step 727. Then, when the application software file is received from the application software distribution system 700 in a step 775, it is checked whether or not there is an error in the application software file, in a step 729. If there is the error in the checking result, it

again goes to the application software file reception stand-by step 727, and if there is no the error, the received application software file is stored. When the application software transmission completion packet is received from the application software distribution system 700 in a step 776, the received application software file is checked in a step 732. If there is an abnormality in the checked file, it again goes to the application software reception requiring step 771, and if there is no the abnormality, the application software file is ~~stored automatically in a step 733~~ installed automatically in a step 733. The mobile station 720 transmits an application software reception/dispatch requirement release message at step 777. When the application software reception/dispatch requirement release message is received, the thread is completed in a step 713 and the distribution system is finished.
